

Memorandum

Date : April 13, 2001

Telephone: 916-654-4206

To : William J. Keese, Chairman
Arthur H. Rosenfeld, Commissioner
Robert Pernell, Commissioner
Michal C. Moore, Commissioner
Robert A. Laurie, Commissioner

File: GGPP-II_Rec1.doc

From : **California Energy Commission** - Steve Larson
1516 Ninth Street
Sacramento, CA 95814-5512
Executive Director

Subject : **GOLDEN GATE POWER PLANT, PHASE II PROJECT - DATA ADEQUACY
RECOMMENDATION (01-AFC-03)**

We have reviewed the Golden Gate Power Project, Phase II Application for Certification (AFC) filed by United Golden Gate Power Company, LLC, on March 19, 2001. We do not believe the AFC meets the requirements of the Cal. Code of Regulations, Title 20, § 1704, Appendix B for the twelve-month process. Therefore, we recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 23 technical disciplines reviewed, we believe the information contained in the AFC is deficient in eight areas pertaining to the twelve-month process. The sections of the AFC that require additional information to meet data adequacy for the twelve-month process are: Air Quality, Cultural Resources, Noise, Project Overview, Reliability, Socioeconomics, Visual Resources and Water Resources. Attached is a summary table and data adequacy worksheets for all technical disciplines. The worksheets for the aforementioned sections identify the additional information that we believe is necessary to fulfill the AFC data adequacy requirements.

Additionally, the applicant requested an expedited six-month process allowed under Public Resources Code §25550 (AB 70, Chapter 329, Statutes of 2000). However, after review of the AFC, staff does not believe it meets the data adequacy requirements of the six-month process. We, therefore, also recommend that the Energy Commission find the AFC inadequate and adopt the enclosed list of deficiencies. Of the 20 technical disciplines, we believe the information contained in the AFC is deficient in five areas. The sections of the AFC that require additional information to meet data adequacy for the six-month process are: Air Quality, Cultural Resources, Project Overview, Visual Resources and Water Resources. One worksheet was completed for the six-month process that identifies all of the above deficiencies that we believe necessary to fulfill the AFC data adequacy requirements. It should be noted that the project must meet the six-month criteria in addition to the twelve-month criteria.

Chairman Keese
April 13, 2001
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At the Energy Commission's business meeting on May 2, 2001, I will be recommending that the Energy Commission not accept the AFC until the additional information specified in the data adequacy worksheets is supplied.

If you have any questions, please call Marc Pryor, Energy Commission's Project Manager, at (916) 653-0159.

STEVE LARSON
Executive Director

Attachments

cc: Jesse D. Frederick, VP WZI, Inc.
Bay Area Air Quality Management District

GOLDEN GATE POWER PLANT, PHASE II PROJECT (01-AFC-3)
DATA ADEQUACY DETERMINATION
(12 MONTH AND 6 MONTH DATA ADEQUACY)

Technical Area	Data Adequacy	
	12-Mo.	6-Mo.*
Air Quality	No	No
Alternatives	Yes	N/A
Biological Resources	Yes	Yes
Cultural Resources	No	No
Efficiency	Yes	N/A
Facility Design	Yes	Yes
Geology	Yes	Yes
Hazardous Materials	Yes	Yes
Land Use	Yes	Yes
Noise	No	Yes
Paleontology	Yes	Yes
Project Overview	No	No
Public Health	Yes	Yes
Reliability	No	N/A
Socioeconomics	No	Yes
Soil Resources	Yes	Yes
Traffic & Transportation	Yes	Yes
Trans Line Safety & Nuisance	Yes	Yes
Transmission System Engineering	Yes	Yes
Visual Resources	No	No
Waste Management	Yes	Yes
Water Resources	No	No
Worker Safety & Fire Protection	Yes	Yes

*Additional criteria required under the six-month process.

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	5.2.1.3 pgs 5.2-9 ,10 5.2.4.2 pgs 5.2-28 to -37 5.2.3 pgs 5.2-17 to -25 5.2.5 pgs 5.2-44,45 3.4-10 pg 3.4-11	No	No discussion regarding the mitigation of PM10 and PM10 precursor emissions is provided.
Appendix B (g) (8) (A)	The information necessary for the air pollution control district where the project is located to complete a Determination of Compliance.	5.2 pgs 5.2-1 to -54 5.16 pages 5.16-1 to -10 Appendix M Appendix O	No	The District will file the completeness letter within 20 days of receiving the PDOC/ATC application. As of 4/3/01, the Applicant had not submitted the PDOC/ATC application to the District.
Appendix B (g) (8) (B)	The heating value and chemical characteristics of the proposed fuels, the stack height and diameter, the exhaust velocity and temperature, the heat rate and the expected capacity factor of the proposed facility.	Appendix M-3, M-6, M-9 Section	Yes	
Appendix B (g) (8) (C)	A description of the control technologies proposed to limit the emission of criteria pollutants.	5.2.3 pgs 5.2-17 to -25	Yes	
Appendix B (g) (8) (D)	A description of the cooling system, the estimated cooling tower drift rate, the rate of water flow through the cooling tower, and the maximum concentrations of total dissolved solids.	3.4.4.4 Pgs 3.4-5,6 (note: Air-cooled condenser, no cooling tower proposed)	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (E)	The emission rates of criteria pollutants from the stack, cooling towers, fuels and materials handling processes, delivery and storage systems, and from all secondary emission sources.	5.2.4.1 pgs 5.2-26 to –28 Appendix M-2 Appendix M-3 (Note: selection of turbine is not finalized)	Yes	
Appendix B (g) (8) (F)	A description of typical operational modes, and start-up and shutdown modes for the proposed project, including the estimated frequency of occurrence and duration of each mode, and estimated emission rate for each criteria pollutant during each mode.	5.2.4.1.2 pgs 5.2-26 to –28 Appendix M-3	Yes	
Appendix B (g) (8) (G)	The ambient concentrations of all criteria pollutants for the previous three years as measured at the three Air Resources Board certified monitoring stations located closest to the project site, and an analysis of whether this data is representative of conditions at the project site. The applicant may substitute an explanation as to why information from one, two, or all stations is either not available or unnecessary.	5.2.1.3 Tables 5.2-2 to –6 pgs 5.2-9,10 (note: Years 1997-1999 provided, 2000 data was not provided)	Yes	
Appendix B (g) (8) (H)	One year of meteorological data collected from either the Federal Aviation Administration Class 1 station nearest to the project or from the project site, or meteorological data approved by the California Air Resources Board or the local air pollution control district.	Previously provided as part of Phase I AFC (Note: 5 years of met data from SFO met station provided)	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (H) (i)	If the data is collected from the project site, the applicant shall demonstrate compliance with the requirements of the U.S. Environmental Protection Agency document entitled "On-Site Meteorological Program Guidance for Regulatory Modeling Applications" (EPA - 450/4-87-013 (August 1995), which is incorporated by reference in its entirety.)	Not Applicable	Yes	
Appendix B (g) (8) (H) (ii)	The data shall include quarterly wind tables and wind roses, ambient temperatures, relative humidity, stability and mixing heights, upper atmospheric air data, and an analysis of whether this data is representative of conditions at the project site.	Appendix M-1 & Electronic data previously provided as part of Phase I AFC (note: met data provided is pre-processed and does not contain separate upper air data)	No	Met data does not include relative humidity. The relative humidity data along with other weather phenomena data are necessary for completion of HRSG visible plume modeling.
Appendix B (g) (8) (I)	An evaluation of the project's direct and cumulative air quality impacts, consisting of the following:			
Appendix B (g) (8) (I) (i)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert pollutant impacts of project construction activities on ambient air quality conditions, including fugitive dust (PM ₁₀) emissions from grading, excavation and site disturbance, as well as the combustion emissions [nitrogen oxides (NO _x), sulfur dioxide (SO ₂), carbon monoxide (CO), and particulate matter less than 10 microns in diameter (PM ₁₀)] from construction-related equipment;	5.2.4.2.2 pgs 5.2-30 to -32 Appendix M-6	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (I) (ii)	A screening level air quality modeling analysis, or a more detailed modeling analysis if so desired by the applicant, of the direct inert criteria pollutant (NO _x , SO ₂ , CO and PM ₁₀) impacts on ambient air quality conditions of the project during typical (normal) operation, and during shutdown and startup modes of operation. Identify and include in the modeling of each operating mode the estimated maximum emissions rates and the assumed meteorological conditions; and	5.2.4.2.3 pgs 5.2-32 to -37 Appendix M-6, M-7, M-8	Yes	
Appendix B (g) (8) (I) (iii)	A protocol for a cumulative air quality modeling impacts analysis of the project's typical operating mode in combination with other stationary emissions sources within a six mile radius which have received construction permits but are not yet operational, or are in the permitting process. The cumulative inert pollutant impact analysis should assess whether estimated emissions concentrations will cause or contribute to a violation of any ambient air quality standard.	5.2.4.3 pg 5.2-44 (note: Section references modeling protocol submitted 9/2000 for Phase I AFC)	Yes	
Appendix B (g) (8) (J)	If an emission offset strategy is proposed to mitigate the project's impacts under subsection (g)(1), provide the following information:			
Appendix B (g) (8) (J) (i)	The quantity of offsets needed;	5.2.5.2 Table 5.2-34 pg 5.2-45 (Note: there are two turbine options being listed by the Applicant which have different offset requirements.)	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (8) (J) (ii)	Potential offset sources, including location, and quantity of emission reductions; and	Not Provided	No	Potential offset sources, including location, and quantity of emission reductions
Appendix B (g) (8) (J) (iii)	Method of emission reduction.	Not Provided	No	Method of emission reduction for offset sources when provided.
Appendix B (g) (8) (K)	A topographic map containing contour and elevation data, at a scale of 1:24,000, showing the area within 6 miles of the power plant site.	Figure 5.2-1 Figure 5.16-1 (note: first figure provides six mile radius at ~1:86,400, second is at 1:24,000 but provides 10 mile radius)	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	5.2.2 Table 5.2-7 pgs 5.2-10 to – 17 5.2.6 Table 5.2-35 pgs 5.2-45 to - 48 7.5.2 Table 7.5-1 pgs 7-15 to 7- 18	No	Tables need to explicitly reference pages wherein conformance with each law or standard is discussed.
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	5.2.7 Table 5.2-36 pg 5.2-48	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	5.2.2 through 5.2.6 pgs 5.2-10 to -48	Yes	

Adequacy Issue: Adequate _____ Inadequate X

DATA ADEQUACY WORKSHEET

Revision No. 0 Date April 3, 2001

Technical Area: Air Quality

Project: Golden Gate Power Project, Phase II

Technical Staff: William Walters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	5.2.7 Table 5.2-36 pg 5.2-48	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	5.2.8 Table 5.2-37 pg 5.2-49 (Note: Title IV permit schedule incorrect)	Yes	

Adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 00 Date April 3, 2001
 (Six Month Expedited Process)
 Technical Area: Air Quality Project: Golden Gate Power Plant, Phase II Technical Staff: William Walters
 Project Manager: Marc Pryor Docket: 01-AFC-3 Technical Senior: Keith Golden

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	5.2.2 Table 5.2-7 pgs 5.2-10 to -17 5.2.6 Table 5.2-35 pgs 5.2-45 to -48 7.5.2 Table 7.5-1 pgs 7-15 to 7-18	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	5.2.6 pgs 5.2-45 to 48	No	Source of emission offsets has not been provided as required by District Rule 2-2-302.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Air Quality LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	5.2.8 pgs 5.2-48,49	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	00	Date	April 3, 2001
				(Six Month Expedited Process)				
Technical Area:	Air Quality			Project:	Golden Gate Power Plant, Phase II	Technical Staff:	William Walters	
Project Manager:	Marc Pryor			Docket:	01-AFC-3	Technical Senior:	Keith Golden	

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(A) (Air Quality)	a detailed modeling analysis assessing whether the cumulative impacts of all inert criteria pollutants (NOx, SO2, CO, and PM10) from the project's typical operating mode in combination with all stationary emissions sources within a six-mile radius of the proposed site that have received construction permits, but are not yet operational, and all stationary emissions sources that are currently undergoing air district permit application review will cause or contribute to a violation of any ambient air quality standard;	5.2.4.2 pg. 5.2-44	No	Cumulative Modeling Analysis has not been provided.
§2022(b)(2)(B) (Air Quality)	A description of the project's planned initial commissioning phase, which is the phase between the first firing of emissions sources and the consistent production of electricity for sale to the market, including the types and durations of equipment tests, criteria pollutant emissions, and monitoring techniques to be used during such tests, and air dispersion modeling analyses of the impacts of those emissions on state and federal ambient air quality standards for NO2, SO2, CO, and PM10;	None	No	Initial commissioning description, emissions estimates, monitoring methods, and emissions modeling.
§2022(b)(2)(C) (Air Quality)	A detailed description of the mitigation, which an applicant shall propose, for all impacts from criteria pollutants that currently exceed state or federal ambient air quality standards, but are not subject to offset requirements under the district's new source review rule;	None	No	Detailed Description of PM10 and PM10 precursor mitigation proposal.
§2022(b)(2)(D) (Air Quality, Public Health)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	5.16.2.3 pgs 5.16-2 to –5 Appendix O	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Alternatives
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 21, 2000
 Technical Staff: Marc Pryor
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (D)	A description of how the site and related facilities were selected and the consideration given to engineering constraints, site geology, environmental impacts, water, waste and fuel constraints, electric transmission constraints, and any other factors considered by the applicant.	Sections 1.1, 1.2, 1.6 and 3.11	Yes	
Appendix B (f) (1)	A discussion of the range of reasonable alternatives to the project, or to the location of the project, including the no project alternative, which would feasibly attain most of the basic objectives of the project but would avoid or substantially lessen any of the significant effects of the project, and an evaluation of the comparative merits of the alternatives. In accordance with Public Resources Code section 25540.6(b), a discussion of the applicant's site selection criteria, any alternative sites considered for the project, and the reasons why the applicant chose the proposed site.	Section 3.11	Yes	
Appendix B (f) (2)	An evaluation of the comparative engineering, economic, and environmental merits of the alternatives discussed in subsection (f)(1).	Section 3.11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Biological Resources**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 00 Date April 2, 2001
 Technical Staff: Natasha Nelson and Julie Colyer
 Technical Senior: Jim Brownell

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	<p>Site conditions: Section 5.6.1.1, pp. 5.6-1 and -2; Section 5.6.1.2, pp.5.6-4; Appendix J, Section 3.0, pp. 2 and 3; and, Appendix A in Appendix J, pp. 24 to 31</p> <p>Impacts discussion: Section 5.2.4.2.3, pp. 5.2-41 to -44; Section 5.6.2, pp. 5.6-8 and -9; Section 5.6.4, p. 5.6-9; Section 5.6.5, p. 5.6-9; and, Appendix J, Section 8.0, pp.18 to 21</p> <p>Mitigation: Section 5.6.3, p.5.6-9; and, Appendix J, Section 8.0, pp.18 to 21</p> <p>Monitoring: Section 5.6.3, p. 5.6-9</p>	<p>Yes</p> <p>Yes</p> <p>Yes</p> <p>Yes</p>	
Appendix B (g) (13) (A)	A regional overview and discussion of biological resources, with particular attention to sensitive biological resources near the project, and a map at a scale of 1:100,000 (or some other suitable scale) showing their location in relation to the project.	<p>Regional overview: Table 5.2-28, p. 5.2-41; Table 5.2-29, p. 5.2-42; Section 5.5.1.1.2, pp. 5.5-2 and -3; Section 5.6.1.1, pp.5.6-1 and -2; Section 5.6.1.2.1 (San Francisco Garter Snake and...), p. 5.6-7; Appendix J, Sections 7.2 and 7.3, p.16; and, Appendix J, Section 7.4, pp.16 and 17.</p> <p>1:100,000 (or suitable scale) map: Figure 5.6-1; and, Appendix J, Figure 2</p>	<p>Yes</p> <p>Yes</p>	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Biological Resources**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 00 Date April 2, 2001
 Technical Staff: Natasha Nelson and Julie Colyer
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Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (B)	A discussion and detailed maps at a scale of 1:6,000, of the biological resources at the site of the proposed project and related facilities, and in areas adjacent to them, out to a mile from the site and 1000 feet from the outer edge of linear facility corridors. Include a list of the species actually observed and those with a potential to occur. The discussion and maps shall address the distribution of community types, denning or nesting sites, population concentrations, migration corridors, breeding habitats, and the presence of sensitive biological resources.	Detailed map and discussion: Section 5.6.1, p.5.6-1; Figure 5.6-1; Appendix J, Figure 2; and, Appendix J, Sections 7.1 to 7.3, pp.15 and 16	Yes	
		Lists of species seen and those expected to occur in the project area: Table 5.6-1, pp.5.6-2 to -4; Table 5.6-2, pp.5.6-4 and -5; Table 5.6-3, pp. 5.6-5 to -7; Appendix J, Table 1, pp.8 to 11; Appendix J, Table 2, pp.11 to 14; and, Appendix J, Section 7.6, p. 18	Yes	
		Discussion of distribution: Appendix J, Section 7.4, pp. 16 and 17	Yes	
Appendix B (g) (13) (C)	A description of all studies and surveys used to provide biological information about the project site, including seasonal surveys and copies of the California Department of Fish and Game's Natural Diversity Data Base Survey Forms, "California Native Species Field Survey Forms", and "California Natural Community Field Survey Forms", completed by the applicant. Include the dates and duration of the studies, methods used to complete the studies, and the names and qualifications of individuals conducting the studies.	Study description: Section 5.6.1.4, p.5.6-8; Appendix J, Section 6.0, pp.7 and 8; Appendix J, p.11; and, Appendix J, Section 6.0, pp. 14 and 15	Yes	
		CNDDDB forms: Not applicable	Not applicable	
		Names/qualifications of those completing studies: Appendix B in Appendix J	Yes	

Adequacy Issue: Adequate X Inadequate _____
 Technical Area: Biological Resources _____
 Project Manager: Marc Pryor _____

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 00 Date April 2, 2001
 Technical Staff: Natasha Nelson and Julie Colyer
 Technical Senior: Jim Brownell

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (D)	A discussion of all permanent and temporary impacts to biological resources from site preparation, construction activities, and plant operation. Discussion of impacts must consider impacts from cooling tower drift, and from the use and discharge of water during construction and operation. For facilities which use once-through cooling or take or discharge water directly from or to natural sources, discuss impacts resulting from entrainment, impingement, thermal discharge, effluent chemicals, type of pump (if applicable), temperature, volume and rate of flow at intake and discharge location, and plume configuration in receiving water.	Permanent/temporary impacts discussion: Section 5.6.2, pp.5.6-8 and -9; Sections 5.6.4 and 5.6.5, p. 5.6-9; and, Appendix J, Section 8.0, pp.18 to 21 Cooling tower drift study: Section 5.2.4.2.3, pp. 5.2-41 to -44 Once-through cooling discussion: Not applicable	Yes Yes Not Applicable	
Appendix B (g) (13) (E)	A discussion of the following:			
Appendix B (g) (13) (E) (i)	All measures proposed to avoid and/or reduce any adverse impacts;	Adverse impacts avoidance measures: Section 5.6.3, p.5.6-9; Section 5.6.9, pp. 5.6-12 and -13; and, Appendix J, Section 8.0, pp.18 to 21	Yes	
Appendix B (g) (13) (E) (ii)	All measures proposed to mitigate any adverse impacts, including any proposals for off-site mitigation; and	Proposed mitigation: See (g)(13)(E)(i) above Off-site habitat compensation: Not applicable	Yes Not Applicable	
Appendix B (g) (13) (E) (iii)	Any educational programs proposed to enhance employee awareness in order to protect biological resources.	Section 5.6.9, pp. 5.6-12 and -13	Yes	
Appendix B (g) (13) (F)	A discussion of compliance and monitoring programs proposed to ensure the effectiveness of mitigation measures incorporated into the project.	Compliance monitoring: Section 5.6.3, p.5.6-9	Yes	

Adequacy Issue: Adequate **X** Inadequate _____
 Technical Area: **Biological Resources** _____
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 00 Date April 2, 2001
 Technical Staff: Natasha Nelson and Julie Colyer
 Technical Senior: Jim Brownell

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (13) (G)	A discussion of native fish and wildlife species of commercial and/or recreational value that could be impacted by the project.	Native fish and wildlife of commercial and/or recreational value: Section 5.6.1.3, p.5.6-7	Yes	
Appendix B (g) (13) (H)	For purposes of this section, sensitive biological resources are one of the following:			
Appendix B (g) (13) (H) (i)	Species listed under state or federal Endangered Species Acts;	Table 5.6-1, pp. 5.6-2 to 5.6.4; Table 5.6-3, pp. 5.6-5 to 5.6-7; and, Appendix A in Appendix J, pp. 24 to 31	Yes	
Appendix B (g) (13) (H) (ii)	Resources defined in sections 1702 (q) and (v) of Title 20 of the California Code of Regulations; and	See (g)(13)(H)(i) above Section 5.6.1, p.5.6-1	Yes	
Appendix B (g) (13) (H) (iii)	Species or habitats identified by legislative acts as requiring protection.	Not applicable	Not applicable	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	LORS table: Table 7.1-1, pp.7-52 to -53	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Agency permits table: Section 5.6.6.3, p. 5.6-11; Table 5.6-1, p. 5.6-12; and, Table 7.1-1, pp. 7-52 and -53	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	LORS conformity: Section 7.5.6.5, p.7-26	Yes	

Adequacy Issue: Adequate X Inadequate _____
 Technical Area: **Biological Resources** _____
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET
 Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 00 Date April 2, 2001
 Technical Staff: Natasha Nelson and Julie Colyer
 Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Agency contacts: Table 5.6-1, p. 5.6-12	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Permit schedule: Section 5.6.8, p.5.6-12	Yes	No permits are anticipated.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET **(Six Month Expedited Process)**

Revision No. 00 Date April 2, 2001

Technical Area: Biological Resources

Project: Golden Gate Power Plant, Phase II

Technical Staff: Natasha Nelson and Julie Colyer

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.6.6.1, p. 5.6-10; Section 5.6.6.2, pp. 5.6-10 and -11; Table 7.1-1, pp. 7-52 and -53; Sections 7.5.6.1 and 7.5.6.2, pp. 7-23 to -26; Section 1.2.1.1, p. 1-2; and, Appendix J, Section 5.0, pp. 5 to 7	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 1.2.1.1, p. 1-2; Section 5.6.6.3, p. 5.6-11; and, Section 7.5.6.5, p. 7-26	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Biological Resources LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.6.6.3, p. 5.6-11; and, Table 7.1, pp. 7-52 and -53	Yes	No permits are anticipated.
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:

Adequate
☒
Inadequate

DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)

Revision No. 00
Date April 2, 2001

Technical Area:

Biological Resources

Project:
Golden Gate Power Plant, Phase II
Technical Staff:
Natasha Nelson and Julie Colyer

Project Manager:

Marc Pryor

Docket:
01-AFC-3
Technical Senior:
Jim Brownell

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(F) (Biology)	A demonstration, based on appropriate data including, but not limited to, scientific surveys taken at the appropriate time of year, that the project will have no significant impact on wetlands, plant or animal species that are endangered, threatened, or of concern under state or federal law, or the areas listed in Public Resources Code section 25527;	Section 5.6.2, pp. 5.6-8 and -9; Section 5.6.4, p. 5.6-9; Section 5.6.5, p. 5.6-9; Appendix J, Sections 7.2 and 7.3, p. 16; and, Appendix J, Section 8.0, pp.18 to 21	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Cultural Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Project, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001

Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.7.1.1 Section 5.7.1.8.5 Section 3.3.1 Section 3.6.2.1 Section 5.7.2 Section 5.7.3 Section 5.7.5 Section 5.7.10	Yes	
Appendix B (g) (2) (A)	A brief summary of the ethnology, prehistory, and history of the region in which the project site and related facilities are located and maps at a scale of 1:24,000, indicating areas of ethnographic occupation. The region may vary depending on the extent of the territory occupied or used by prehistoric cultures indigenous to the area in which the project is located.	Section 5.7.1.5 Section 5.7.1.6 Section 5.7.1.7 Figure 5.7-1	Yes	
Appendix B (g) (2) (B)	A description of all literature searches and field surveys used to provide information about known cultural resources in the project vicinity. If survey records of the area potentially physically affected by the project are not available, and the area has the potential for containing significant cultural resources, the applicant shall submit a new or revised survey for any portion of the area lacking comprehensive survey data. A discussion of the dates of the surveys, methods used in completing the surveys, and the identification and qualification of the individuals conducting the surveys shall be included.	Appendix K (confidential)	No	<p>Please provide a description of an archeological survey of the additional easement for the existing transmission line.</p> <p>Please provide a description of an architectural survey in the project area or along the linear facilities.</p> <p>Please provide the date(s) of the architectural reconnaissance and the methodology used. Please provide the qualifications (resumes) of the architectural reconnaissance team members and of anyone evaluating cultural resources.</p> <p>Please provide an evaluation of the significance of the cultural resources (buildings, structures, objects, sites, and districts) that could be affected either directly or indirectly by the project or a description of the manner in which they are being avoided.</p>

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Cultural Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Project, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001

Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (2) (C)	A discussion of the sensitivity of the project area described in subsection (g)(2)(A) and the presence and significance of any known archeological sites and other cultural resources that may be affected by the project. Information on the specific location of archeological resources shall be included in a separate appendix to the application and submitted to the Commission under a request for confidentiality pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Section 5.7.1.8.4 Appendix K (Confidential) Section 6.3, page 12	No	Provide site records for all cultural resources that could be affected (preferably on a Department of Parks and Recreation 523A form either directly or indirectly by the project.
Appendix B (g) (2) (D)	A summary of contacts and communications with, and responses from, Native American representatives who may have an interest in heritage lands and/or resources potentially affected by the proposed project.	Section 5.7.1.8.2 Appendix K (Confidential), Appendix A	Yes	
Appendix B (g) (2) (E)	In the discussion on mitigation and monitoring prepared pursuant to subsection (g)(1), a discussion of any educational programs proposed to enhance awareness of potential impacts to archeological resources by employees and contractors, measures proposed for mitigation of impacts to known cultural resources, and a set of contingency measures for mitigation of potential impacts to previously unknown cultural resources.	Section 5.7.3 Section 5.7.10	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.5.7 Table 7.1-1 Section 5.7.9	No	Page 5.7-15 states that the project does not require state or local permits. Are any federal permits required? If not please remove the federal laws from the table and text. References to CEQA include appendix K and do not list 14 CCR 15064.5. CEQA was amended in 1998 to incorporate much of appendix K in the codes. Please cite current law.

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Cultural Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Project, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001

Technical Staff: Gary Reinoehl
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.7-1	No	The AFC does not indicate any need for federal permits or federal lands that are involved in the project. Yet, the SHPO is listed in the table suggesting they have some authority for this project. If there is no federal involvement, then remove the agency from the list.
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.7.9 Table 7.1-1	No	Neither the table nor the text discusses the need for federal permits. If no federal permits are needed please state so.
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.7-1	No	Please provide the name, title, phone number, if known of an official with any federal agency responsible for permits required for the project.
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.7.9	No	Please indicate whether there is a need for federal permits for this project.. If no permits will be obtained, please make that statement.

Adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 00 Date March 29, 2001
 (Six Month Expedited Process)
 Technical Area: **Cultural Resources** Project: Golden Gate Power Project, Phase II Technical Staff: Gary Reinoehl
 Project Manager: Marc Pryor Docket: 01-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 7.0	No	References to CEQA include appendix K and does not list 14 CCR §15064.5. CEQA was amended in 1998 to incorporate much of appendix K in the codes. Please cite current law.
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.7.9 Table 7.1-1	No	Neither the table nor the text discusses the need for federal permits. If no federal permits are needed please state so.
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Cultural Resources LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.7.9 Table 7.1-1	No	Neither the table nor the text discusses the need for federal permits. If no federal permits are needed please state so.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Efficiency
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 1.1, 1.4.2, 1.4.3, 1.4.6, 2.2, 3.1, 3.3.3, 3.4.1, 3.4.4, 3.4.6, 3.4.9, 3.7.1, 3.9.2, 3.9.2.1, 3.9.2.2, 3.9.4, 3.11.3.2, 3.11.3.3.3, 4.3.2.1, 4.3.3, 4.3.5; Appendices A, B	Yes	
Appendix B (i) (4) (A)	Heat and mass balance diagrams for design conditions for each mode of operation.	Appendices A, B	Yes	
Appendix B (i) (4) (B)	Annual fuel consumption in BTUs for each mode of operation.	Section 1.4.6; Appendices A, B	Yes	
Appendix B (i) (4) (C)	Annual net electrical energy produced in MWh for each mode of operation.	Appendices A, B	Yes	
Appendix B (i) (4) (D)	Number of hours the plant will be operated in each mode of operation in each year.	Sections 3.9.2, 3.9.2.2, 4.3.3; Appendices A, B	Yes	
Appendix B (i) (4) (E)	If the project will be a cogeneration facility, calculations showing compliance with applicable efficiency and operating standards.	N/A	N/A	
Appendix B (i) (4) (F)	A discussion of alternative generating technologies available for the project, including the projected efficiency of each, and an explanation why the chosen equipment was selected over these alternatives.	Sections 3.11.3.2, 3.11.3.3.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Not Applicable	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Efficiency
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not Applicable	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not Applicable	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 0 Date March 27, 2001

Technical Staff: Bob Anderson/Steve Baker

Technical Senior: Steve Baker

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	Figure 5.5-1 and Figure 5.5-2	Yes	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	Section 3.3.2 and 3.3.2.2; Appendix "C" Section 3.3.2.4	Yes	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	Sections 3.3.2 and 3.3.2.2; Appendix "C" Section 5.5.2.1.2	Yes	
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	See Water Resources	See Water Resources	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	Section 3.3.2.4	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.1-1, §§ 7.3.2, 7.3.3, 7.3.4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 7.1-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 4.1.1.1, 4.1.2, 7.3.2, 7.3.3, 7.3.4, Appendices C, D, E, F, G	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 0 Date March 27, 2001

Technical Staff: Bob Anderson/Steve Baker

Technical Senior: Steve Baker

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, telephones number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable	N/A	
Appendix B (i) (1) (A)	A description of the site conditions and investigations or studies conducted to determine the site conditions used as the basis for developing design criteria. The descriptions shall include, but not be limited to, seismic and other geologic hazards, adverse conditions that could affect the project's foundation, adverse meteorological and climatic conditions, and flooding hazards, if applicable.	Sections 3.3.1, 3.3.2, 3.3.2.1, 3.3.2.2, 3.3.2.3, 3.3.3, 3.3.3.1, 3.3.3.2, 5.2.1.1, 5.3	Yes	
Appendix B (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 3.5.10	Yes	
Appendix B (i) (1) (C)	A description of the proposed foundation types, design criteria (including derivation), analytical techniques, assumptions, loading conditions, and loading combinations to be used in the design of facility structures and major mechanical and electrical equipment.	Sections 3.1.1, 3.5.1 through 3.5.8, 3.5.10, 3.6.3, Appendices C, D, E & F	Yes	
Appendix B (i) (1) (D)	For each of the following facilities and/or systems, provide a description including drawings, dimensions, surface-area requirements, typical operating data, and performance and design criteria for protection from impacts due to adverse site conditions:	Figure 3.4-2, 3.4-3	Yes	
Appendix B (i) (1) (D) (i)	The power generation system;	Sections 3.1, 3.4.1, 3.4.4, 3.9.2, Appendix E	Yes	
Appendix B (i) (1) (D) (ii)	The heat dissipation system;	Sections 3.4.4.4, 3.5.4, Figure 3.4-1, 3.4-2	Yes	
Appendix B (i) (1) (D) (iii)	The cooling water supply system, and, where applicable, pre-plant treatment procedures;	Not Applicable	N/A	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Facility Design**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. 0 Date March 27, 2001
 Technical Staff: Bob Anderson/Steve Baker
 Technical Senior: Steve Baker

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (1) (D) (iv)	The atmospheric emission control system;	Sections 3.1, 3.4.1, 3.4.4.1, 3.4.4.2, 3.4.9	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Sections 1.6.9, 3.4.1, 3.4.8, 3.4.8.6, 3.4.12	Yes	
Appendix B (i) (1) (D) (vii)	The geothermal resource conveyance and re-injection lines (if applicable);	Not Applicable	N/A	
Appendix B (i) (1) (D) (viii)	Switchyards/transformer systems; and	Sections 2.2, 3.4.5.2, 3.6.1, 3.6.2	Yes	
Appendix B (i) (1) (D) (ix)	Other significant facilities, structures, or system components proposed by the applicant.	Not Applicable	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 28, 2001

Technical Area: **Facility Design**

Project: Golden Gate Power Plant, Phase II

Technical Staff: Steve Baker/B. Anderson

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§§ 1.2.1.1, Table 7.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§§ 1.2.1.1, 7.0	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Facility Design LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§§ 1.2.1.1, 7.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 26, 2001
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Page 5.3-1, Section 5.3.1 Pages 5.3-18 through 5.3-21; Sections 5.3.2.1.1 through 5.3.7	Yes	
Appendix B (g) (17) (A)	A summary of the geology, seismicity, and geologic resources of the project site and related facilities;	Pages 5.3-1 through 5.3-13; Sections 5.3.1.1 through 5.3.1.4.2 Pages 5.3-16 through 5.3-18, Sections 5.3.1.6 through 5.3.1.6.3	Yes	
Appendix B (g) (17) (B)	A map at a scale of 1:24,000 and description of all recognized stratigraphic units, geologic structures, and geomorphic features within 2 miles of the project site. Include an analysis of the likelihood of ground rupture, seismic shaking, mass wasting and slope stability, liquefaction, subsidence, and expansion or collapse of soil structures.	Figure 5.3.3 Figure 5.3-11 Figure 5.3-12 Pages 5.3-19 through 5.3-20; Sections 5.3.4.1 through 5.3.4.6	Yes	
Appendix B (g) (17) (C)	A map and description of geologic resources of recreational, commercial, or scientific value which may be affected by the project. Include a discussion of the techniques used to identify and evaluate these resources.	Figure 5.3.3 Page 5.3-18; Section 5.3.2.1.3 Page 5.3-20; Section 6.3.6	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 5.3-21 Table 5.3.6	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Geological Hazards
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 26, 2001
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 5.3-21 Table 5.3-7 Page 5.3-22 Table 5.3-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 7-2 and 7-3 Sections 7.3.1 through 7.3.1.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 5.3-21 Table 5.3-7	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date 3/26/01

Technical Area: Geological Resources and Hazards

Project: Golden Gate Power Plant, Phase II

Technical Staff: Robert Anderson

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.3-21; Table 5.3-6	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 7-2 and 7-3; Sections 7.3.1 through 7.3.1.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Page 5.3-22; Table 5.3-8	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Page 5.3-22; Table 5.3-8	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Hazardous Materials Handling
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 4, 2001
 Technical Staff: R. Tyler
 Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.15	Yes	
Appendix B (g) (10) (A)	A list of all materials used or stored on-site which are hazardous or acutely hazardous, as defined in Title 22, California Code of Regulations, § 66261.20 et seq., and a discussion of the toxicity of each material.	Sections 5.15.2.1 and 5.15.2.2.	Yes	
Appendix B (g) (10) (B)	A map at a scale of 1:24,000 depicting the location of schools, hospitals, day-care facilities, emergency response facilities and long-term health care facilities, within the area potentially affected by any release of hazardous materials.	Figure 15.15-1	Yes	
Appendix B (g) (10) (C)	A discussion of the storage and handling system for each hazardous material used or stored at the site.	Sections 5.15.3.2.1 and 5.15.3.2.2	Yes	
Appendix B (g) (10) (D)	The protocol that will be used in modeling potential consequences of accidental releases that could result in off site impacts. Identify the model(s) to be used, a description of all input assumptions, including meteorological conditions. The results of the modeling analysis can be submitted after the AFC is complete.	Section 5.15.2.2.2, p. 5.15-8	Yes	
Appendix B (g) (10) (E)	A discussion of whether a risk management plan (Health and Safety Code § 25531 et seq.) will be required, and if so, the requirements that will likely be incorporated into the plan.	Section 5.15.2.2.1	Yes	
Appendix B (g) (10) (F)	A discussion of measures proposed to reduce the risk of any release of hazardous materials.	Section 5.15.2.2.4	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Hazardous Materials Handling
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Docket: 01-AFC-3

Revision No. 0 Date April 4, 2001

Technical Staff: R. Tyler

Technical Senior: R. Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (10) (G)	A discussion of the fire and explosion risks associated with the project.	Section 5.15.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.15-4	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 15.15-5	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.15, Table 5.15-4	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.15-5	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permit.	Not Applicable	NA	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date April 4, 2001

Technical Area: Hazardous Materials

Project: Golden Gate Power Plant, Phase II

Technical Staff: Rick Tyler

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Table 5.15-4	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.15	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in HazMat LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 7	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date April 4, 2001

Technical Area: Hazardous Materials

Project: Golden Gate Power Plant, Phase II

Technical Staff: Rick Tyler

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(G) (Hazardous Material)	With respect to the handling of hazardous materials, a demonstration that: i) the project will not use or store any regulated substance defined in Section 25532(g) of the California Health and Safety Code or ii) the project is eligible for Program 1 status pursuant to Section 68.10 of Part 68 of Title 40 of the Code of Federal Regulations or can demonstrate that no worst case accidental release would result in a plausibility (risk greater than 1 in 1,000,000) of an impact above the Emergency Response Planning Guideline, Level 2 (ERPG 2) at the nearest public receptor.	Section 5.15	Yes	
§2022(b)(2)(H) (Hazardous Material)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Section 5.15	Yes	
§2022(b)(2)(I) (Hazardous Material)	A demonstration that the proposed facility will not require storage of gaseous flammable or explosive materials in quantities greater than 25000 standard cubic feet;	Section 5.15	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 20, 2001
 Technical Staff: Amanda Stennick
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.9	Yes	
Appendix B (g) (3) (A)	A discussion of existing land uses and current zoning at the site, land uses and land use patterns within one mile of the proposed site and within one-quarter mile of any project-related linear facilities. Include:	Sections 5.9.1, 5.9.1.2, 5.9.1.2.6 and Figures 5.9-1 and -2.	Yes	
Appendix B (g) (3) (A) (i)	An identification of residential, commercial, industrial, recreational, scenic, agricultural, natural resource protection, natural resource extraction, educational, religious, cultural, and historic areas, and any other area of unique land uses;	Section 5.9.1 and Figures 5.9-1 and -2	Yes	
Appendix B (g) (3) (A) (ii)	A discussion of any trends in recent zoning changes and potential future land use development;	Sections 5.9.1.1.1 and 5.9.1.2.2.	Yes	
Appendix B (g) (3) (A) (iii)	Identification of all discretionary reviews by public agencies initiated or completed within 18 months prior to filing the application for those changes or developments identified in subsection (g)(3)(A)(ii); and	Section 5.9.1.3.4	Yes	
Appendix B (g) (3) (A) iv)	Legible maps of the areas identified in subsection (g)(3)(A) potentially affected by the project, on which existing land uses, jurisdictional boundaries, general plan designations, specific plan designations, and zoning have been clearly delineated.	Figures 5.9-1 and -2.	Yes	

Adequacy Issue: Adequate X Inadequate _____
 Technical Area: Land Use
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 20, 2001
 Technical Staff: Amanda Stennick
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (3) (B)	A discussion of the compatibility of the proposed facilities with present and expected land uses, and conformity with any long-range land use plans adopted by any federal, state, regional, or local planning agency. The discussion shall identify the need, if any, for variances or any measures that would be necessary to make the proposal conform with permitted land uses	Section 5.9.2 and Table 5.9-1	Yes	
Appendix B (g) (15) (B)	A map at a scale of 1:24,000 and written description of agricultural land uses found within all areas affected by the proposed project. The description shall include:	Not Applicable	NA	
Appendix B (g) (15) (B) (i)	Crop types, irrigation systems, and any special cultivation practices; and	Not Applicable	NA	
Appendix B (g) (15) (B) (ii)	Whether farmland affected by the project is prime, of statewide importance, or unique as defined by the Natural Resource Conservation Service of the California Department of Conservation.	Not Applicable	NA	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This decision shall include:	Not Applicable	NA	
Appendix B (g) (15) (C) (ii)	Direct and indirect effects on agricultural land uses; and	Not Applicable	NA	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Sections 7.4.3.1, 7.5.9 and Talbe 7.1-1.	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Land Use
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 20, 2001
 Technical Staff: Amanda Stennick
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Sections 7.4.3.1, 7.5.9 and Table 7.1-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 5.9.2.3 7.4.3.1, 7.5.9, and Table 7.1-1.	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.9-2.	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.9-3.	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 20, 2001

Technical Area: Land Use

Project: Golden Gate Power Plant, Phase II

Technical Staff: Amanda Stennick

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Sections 7.4.3.1 and 7.5.9, and Table 7.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sections 5.9.2.3, 7.4.3.1, 7.5.9 and Table 7.1-1	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Land Use LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.9-3	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Noise
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 1.3, 1.6.7, 3.8, 7.5.12; Chapter 5.12; Appendix P	Yes	
Appendix B (g) (4) (A)	A land use map which identifies residences, hospitals, libraries, schools, places of worship, or other facilities where quiet is an important attribute of the environment within the area impacted by the proposed project. The area impacted by the proposed project is that area where there is a potential increase of 5 dB(A) or more, during either construction or operation, over existing background levels.	Figure 5.9-2	Yes	
Appendix B (g) (4) (B)	A description of the ambient noise levels at those sites identified under subsection (g)(4)(A) which the applicant believes provide a representative characterization of the ambient noise levels in the project vicinity, and a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements. The existing noise levels shall be determined by taking noise measurements for a minimum of 25 consecutive hours at a minimum of one site. Other sites may be monitored for duration at the applicant's discretion during the same 25-hour period. The results of the noise level measurements shall be reported in Leq (equivalent sound or noise level), Ldn (day-night sound or noise level) or CNEL (Community Noise Equivalent Level) in units of dB(A). The L10, L50, and L90 values (noise levels exceeded 10 percent, 50 percent, and 90 percent of the time, respectively) shall also be reported.	Section 5.12.1.1	No	Provide a discussion of the general atmospheric conditions, including temperature, humidity, and the presence of wind and rain at the time of the measurements.

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Noise
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (4) (C)	A description of the major noise sources of the project, including the range of noise levels and the tonal and frequency characteristics of the noise emitted.	Section 5.12.2.3; Tables 5.12-5, 5.12-6, 5.12-7	No	Describe the tonal and frequency characteristics of the noise emitted.
Appendix B (g) (4) (D)	An estimate of the project noise levels, during both construction and operation, at residences, hospitals, libraries, schools, places of worship or other facilities where quiet is an important attribute of the environment, within the area impacted by the proposed project.	Sections 5.12.2.2, 5.12.2.3; Figure 5.9-2; Tables 5.12-3, 5.12-4, 5.12-5, 5.12-6, 5.12-7	Yes	
Appendix B (g) (4) (E)	An estimate of the project noise levels within the project site boundary during both construction and operation and the impact to the workers at the site due to the estimated noise levels.	Sections 5.12.2.2, 5.12.2.3	Yes	
Appendix B (g) (4) (F)	The audible noise from existing switchyards and overhead transmission lines that would be affected by the project and estimates of the future audible noise levels that would result from existing and proposed switchyards and transmission lines. Noise levels shall be calculated at the property boundary for switchyards and at the edge of the rights-of-way for transmission lines.	Not Applicable.	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 7.1-1	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Noise
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.12-8	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Sections 5.12, 5.12.2.2, 5.12.2.3, 5.12.4.1, 5.12.4.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.12-8	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.12.8	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET **(Six Month Expedited Process)**

Revision No. 00 Date March 28, 2001

Technical Area: **Noise**

Project: Golden Gate Power Plant, Phase II

Technical Staff: Steve Baker/B. Anderson

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	§§ 1.2.1.1, 5.12.2.1; Table 7.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	§§ 1.2.1.1, 5.12.2.2, 5.12.2.3, 7.0	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Noise LORS are anticipated).	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	§§ 1.2.1.1, 7.1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 26, 2001
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5.8-4 through 5.8-7; Sections 5.8.1.4 through 5.8.5	Yes	
Appendix B (g) (16) (A)	Identification of the physiographic province and a brief summary of the geologic setting, formations, and stratigraphy of the project area. The area may vary depending on the depositional history of the area.	Page 5.8-4 and 5.8-5; Section 5.8.1.5.1	Yes	
Appendix B (g) (16) (B)	A discussion of the sensitivity of the project area described in subsection (g)(16)(A) and the presence and significance of any known paleontologic localities or other paleontologic resources within or adjacent to the project.	Page 5.8-5; Section 5.8.2 through 5.8.2.2	Yes	
Appendix B (g) (16) (C)	A summary of all literature searches and field surveys used to provide information about paleontologic resources in the project area described in subsection (g)(16)(A). Identify the dates of the surveys, methods used in completing the surveys, and the names and qualifications of the individuals conducting the surveys.	Page 5.8-4 Section 5.8.1.5	Yes	
Appendix B (g) (16) (D)	Information on the specific location of known paleontologic resources, survey reports, locality records, and maps at a scale of 1:24,000, shall be included in a separate appendix to the Application and submitted to the Commission under a request for confidentiality, pursuant to Title 20, California Code of Regulations, § 2501 et seq.	Appendix "L", Figure 3 and Appendix "A" of Appendix "L" (confidential filing)	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Paleontological Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 26, 2001
 Technical Staff: Robert Anderson
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (16) (E)	A discussion of any educational programs proposed to enhance awareness of potential impacts to paleontological resources by employees, measures proposed for mitigation of impacts to known paleontologic resources, and a set of contingency measures for mitigation of potential impacts to currently unknown paleontologic resources.	Page 5.8-6; Section 5.8.3	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 7-54; Table 7.1-1; Section 7.5.8	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not Applicable	NA	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 5.8-7 and 5.8-8; Sections 5.8.6.1 and 5.8.6.2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable	NA	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable	NA	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date 3/26/01

Technical Area: Paleontological Resources

Project: Golden Gate Power Plant, Phase II

Technical Staff: Robert Anderson

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pages 5.8-7 and 5.8-8; Sections 5.8.6.1 through 5.8.6.2 Pages 7-54 and 7-55	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.8-7 and 5.8-8; Sections 5.8.6.1 through 5.8.6.2	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Not Applicable	Not Applicable	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Not Applicable	Not Applicable	

Adequacy Issue: Adequate _____ Inadequate X

Technical Area: Project Overview

Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001

Technical Staff: Marc Pryor

Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Cal. Code Regs., tit. 20, § 1704, (a) (3) (A)	Descriptions of all significant assumptions, methodologies, and computational methods used in arriving at conclusions in the document.	Throughout	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (B)	Descriptions, including methodologies and findings, of all major studies or research efforts undertaken and relied upon to provide information for the document; and a description of ongoing research of significance to the project (including expected completion dates; and	Throughout	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (3) (C)	A list of all literature relied upon or referenced in the documents, along with brief discussions of the relevance of each such reference	Throughout	Yes	
Cal. Code Regs., tit. 20, § 1704, (a) (4)	Each principle subject area covered in a notice or application shall be set forth in a separate chapter or section, each of which shall identify the person or persons responsible for its preparation.	Throughout	Yes	
Appendix B (a) (1) (A)	A general description of the proposed site and related facilities, including the location of the site or transmission routes, the type, size and capacity of the generating or transmission facilities, fuel characteristics, fuel supply, water supply, pollution control systems, and other general characteristics.	Sections 3.1 through 3.9	Yes	
Appendix B (a) (1) (B)	Identification of the location of the proposed site and related facilities by section, township, range, county and assessors parcel numbers.	Section 3.2 and Appendix U	Yes	
Appendix B (a) (1) (C)	A description of and maps depicting the region, the vicinity, and the site and its immediate surroundings.	Sections 1 and 3	Yes	
Appendix B (a) (1) (D)	A full-page color photographic reproduction depicting the visual appearance of the site prior to construction, and a full-page color simulation or artist's rendering of the site and all project components at the site, after construction.	Section 5 (simulations)	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Project Overview
 Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001
 Technical Staff: Marc Pryor
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (a) (1) (E)	In an appendix to the application, a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities, and within 1000 feet of the proposed powerplant and related facilities.	Appendix U	No	Please provide a list of current assessor's parcel numbers and owners' names and addresses for all parcels within 500 feet of the proposed transmission line and other linear facilities.
Appendix B (a) (2)	Project Schedule: Proposed dates of initiation and completion of construction, initial start-up, and full-scale operation of the proposed facilities.	Section 3.8	Yes	
Appendix B (a) (3) (A)	A list of all owners and operators of the site(s), the power plant facilities, and, if applicable, thermal host, the geothermal leasehold, the geothermal resource conveyance lines, and the geothermal re-injection system, and a description of their legal interest in theses facilities.	Sections 1.1, 1.4 and 3.1	Yes	
Appendix B (a) (3) (B)	A list of all owners and operators of the proposed electric transmission facilities.	Sections 1.1, 1.4 and 3.1	Yes	
Appendix B (a) (3) (C)	A description of the legal relationship between the applicant and each of the persons or entities specified in subsections (a)(3)(A) and (B).	Sections 1.1 and 3.1	Yes	
Appendix B (b) (1) (A)	Maps at a scale of 1:24,000 (1" = 2000'), along with an identification of the dedicated leaseholds by section, township, range, county, and county assessor's parcel number, showing the proposed final locations and layout of the power plant and all related facilities;	Figures 1.4-1, 3.3-1, 5.9-1, 5.9-2 and Appendix U.	Yes	
Appendix B (b) (1) (B)	Scale plan and elevation drawings depicting the relative size and location of the power plant and all related facilities;	Figure 3.4-2	No	Please provide elevation drawings depicting the relative size and location of the LM 6000 power plant.
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Sections 1 and 3	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Project Overview
 Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 29, 2001
 Technical Staff: Marc Pryor
 Technical Senior: Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (2) (A)	Maps at a scale of 1:24,000 of each proposed transmission line route, showing the settled areas, parks, recreational areas, scenic areas, and existing transmission lines within one mile of the proposed route(s).	Figures 3.2-1, 5.2-1, 5.9-1 5.9-2, 5.13-15 and Appendix M.	Yes	
Appendix B (b) (2) (B)	A full-page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.	Section 5 and Appendix H.	No	Please provide a full page color photographic reproduction depicting a representative above ground section of the transmission line route prior to construction and a full-page color photographic simulation of that section of the transmission line route after construction.
Appendix B (c)	In a section entitled, "Demand Conformance" provide a discussion explaining how the proposed project conforms with the requirements of Public Resources Code § 25524 or Public Resources Code § 25540.6(a)(5). If the provisions of Public Resources Code § 25523.5 are applicable, explain how the project conforms with the requirements of this section. Additional data adequacy requirements may be contained in the Electricity Report applicable pursuant to Title 20, California Code of Regulations, § 1720.5.	Section 2	Yes	
Appendix B (d) (1)	A copy of any study or analysis required by the terms of the Commission's Final Decision on the NOI, and a brief summary of the results of the study or analysis.	Not applicable.	NA	
Appendix B (d) (2)	Updates of any significant information which has changed since the Commission's Final Decision on the NOI.	Not applicable.	NA	
Appendix B (e) (1)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Not applicable.	NA	

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No. 00	Date March 29, 2001
				(Six Month Expedited Process)		
Technical Area:	Project Overview	Project: Golden Gate Power Plant, Phase II			Technical Staff:	Marc Pryor
Project Overview						
Project Manager:	Marc Pryor	Docket:	01-AFC-3		Technical Senior:	Paul Richins

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Throughout Vol. I	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Throughout Vol. I	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Throughout Vol. I	Yes	
§2022(b)(5) §2022(b)(5)(A)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated; Information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site...			
		Not found.	No	Provide information demonstrating the applicant's control, by ownership, lease, option, or other legally binding agreement, that the Commission finds acceptable, of the proposed site.

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. _____

Date March 30, 2001

Technical Area: Public Health

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelam

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.16, pages 5.16-1, 5.16-7 and 5.16-9	Yes	
Appendix B (g) (9) (A)	A list of all toxic substances emitted by the project under normal operating conditions, which may cause an adverse public health impact as a result of acute, chronic, or sub-chronic exposure and to which members of the public may be exposed. This list should include, at a minimum, any pollutants emitted by the project that are listed pursuant to Health and Safety Code § 25249.8.	Section 5.16, Pages 5.16-2 and 5.16-3	Yes	
Appendix B (g) (9) (B)	A protocol describing the analysis which the applicant will conduct to determine the extent of potential public exposure to substances identified in subsection (g)(9)(A) resulting from normal facility operation. The analysis itself can be submitted after the AFC is complete.	Section 5.16, pages 5.16-2 and 5.16-5.	Yes	
Appendix B (g) (9) (C)	A map at a scale of 1:24,000, showing all terrain areas exceeding the elevation of the stack within a 10 mile radius of the facility.	Section 5.16, page 5.16-10	Yes	
Appendix B (g) (9) (D)	A map at a scale of 1:24,000, showing the distribution of population and sensitive receptors within the area exposed to the substances identified in subsection (g)(9)(A).	Section 5.16, page 5.16-10	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET

Revision No. _____

Date March 30, 2001

Technical Area: Public Health

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelum

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0, pages 7-42, 7-46, and 7-59	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0, pages 7-42, 7-47, 7-47, and 7-59	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.16, page 5.16-7 through 5.16-9	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.16, page 5.16-9	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 6.16, page 5.16-9	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 30, 2001

Technical Area: Public Health

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelum

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A)	A list of such standards, ordinances, and laws;	Section 7.0	Yes	
§2022(b)(1)(B)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sections 3.6, 4.2 and 5.16	Yes	
§2022(b)(1)(C)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Public Health LORS are anticipated).	Yes	
§2022(b)(1)(D)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Sections 4.2 and 5.16	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			
§2022(b)(2)(D)	A modeling analysis that identifies the extent of potential public exposure to toxic substances, as identified in subsection (g)(9)(A) of Appendix B, resulting from normal facility operation;	Sections 5.2 and 5.16	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET **(Six Month Expedited Process)**

Revision No. 00 Date March 30, 2001

Technical Area: **Public Health**

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelum

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(H)	If the project will store or use a regulated substance defined in Section 25532(g) of the Health and Safety Code, a demonstration either that the boundary of the powerplant site will not be within 1000 feet of any residential area, school, general acute care hospital, long-term health care facility, or child day care facility as such terms are defined in section 25534.1 of the Health and Safety Code or that the project will pose no plausible potential for exposure at such facilities from an accidental release of the regulated substance; and	Sections 5.15 and 5.16	Yes	
§2022(b)(4)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			
§2022(b)(4)(C)	Identification of available health studies concerning the potentially affected population(s) within a six-mile radius of the proposed power plant site;	Section 5.16	Yes	

Adequacy Issue: Adequate Inadequate **X**
 Technical Area: Reliability
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001

Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Sections 1.1, 1.4.2, 1.4.3, 1.4.6, 1.4.7, 1.6.3, 2.2, 3.1, 3.3.1, 3.3.2.3, 3.3.3.1, 3.4.1, 3.4.4, 3.4.4.1, 3.4.4.2, 3.4.4.3, 3.4.4.4, 3.4.5.8, 3.4.5.9, 3.4.7, 3.4.8, 3.4.8.4, 3.4.9, 3.4.15, 3.7.1, 3.7.2, 3.9.2, 3.9.4, 3.10, 4.1.1, 4.1.1.1, 4.1.1.2, 4.1.2, 4.3.1, 4.3.1.1, 4.3.6.2, 4.3.2.1, 4.3.2.2, 4.3.2.3; Table 4.3-1; §§ 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.7, 7.4.1, 7.4.1.5	Yes	
Appendix B (i) (3) (A)	A discussion of the sources and availability of the fuel or fuels to be used over the estimated service life of the facilities.	Sections 1.4.6, 2.2, 3.1, 3.4.1, 3.7.1, 3.9.4, 4.3.5	Yes	
Appendix B (i) (3) (B)	A discussion of the anticipated service life and degree of reliability expected to be achieved by the proposed facilities based on a consideration of:			
Appendix B (i) (3) (B) (i)	Expected annual and lifetime capacity factors;	Sections 3.9.2, 3.9.2.2, 4.3.1.1, 4.3.1.2.1, 4.3.3	Yes	
Appendix B (i) (3) (B) (ii)	The demonstrated or anticipated feasibility of the technologies, systems, components, and measures proposed to be employed in the facilities, including the power generation system, the heat dissipation system, the water supply system, the reinjection system, the atmospheric emission control system, resource conveyance lines, and the waste disposal system;	Sections 1.1, 1.4.2, 2.2, 3.1, 3.4.1, 3.4.8.4, 3.4.9, 3.7.1, 3.7.2, 4.3.1, 4.3.1.1, 4.3.1.2, 4.3.1.2.1, 4.3.2.1, 4.3.4	Yes	
Appendix B (i) (3) (B) (iii)	Geologic and flood hazards, meteorologic conditions and climatic extremes, and cooling water availability;	Sections 1.6.2, 1.6.3, 3.3.1, 3.3.2.3, 3.3.3.1, 4.1.1, 4.1.1.1, 4.1.1.2	Yes	

Adequacy Issue: Adequate Inadequate **X**
 Technical Area: Reliability
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 28, 2001
 Technical Staff: Steve Baker
 Technical Senior: Steve Baker

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (3) (B) (iv)	Special design features adopted by the applicant or resource supplier to ensure power plant reliability; and	Sections 3.4.4, 3.4.5.8, 3.4.5.9, 3.4.15, 3.9.2.2, 3.9.2.3, 3.9.2.6, 4.1.2, 4.3.1.3, 4.3.2.2, 4.3.2.3; Table 4.3-1; § 4.3.4	Yes	
Appendix B (i) (3) (B) (v)	The expected power plant maturation period.	Not found	No	Describe the period required for plant systems shakedown and debugging, particularly addressing any new or unproven technologies employed.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.4.1; Table 7.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not Applicable.	N/A	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Not Applicable.	N/A	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable.	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable.	N/A	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Socioeconomics
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 27, 2001
 Technical Staff: Jim Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	pp. 5.10-1 to 10-11	Yes	
Appendix B (g) (7) (A)	A description of the socioeconomic circumstances of the vicinity and region affected by construction and operation of the project. Include:	pp. 5.10-4 to 10-9	Yes	
Appendix B (g) (7) (A) (i)	The economic characteristics, including the economic base, fiscal resources, and a list of the applicable local agencies with taxing powers and their most recent and projected revenues;	pp. 5.10-4 to 10-7 Tables 5.10-6, 7, 9, 10	No	Please provide a list of the applicable local agencies with taxing powers and their most recent and projected revenues.
Appendix B (g) (7) (A) (ii)	The social characteristics, including population and demographic and community trends;	pp. 5.10-1 to 10-4 Tables 5.10 2, 3,4	Yes	
Appendix B (g) (7) (A) (iii)	Existing and projected unemployment rates;	pp. 5.10-4 to 10-6 Table 5.10-8	No	Please provide projected unemployment rates.
Appendix B (g) (7) (A) (iv)	Availability of skilled workers by craft required for construction and operation of the project;	pp. 5.10-6, 10-8 Tables 5.10-12, 13	Yes	
Appendix B (g) (7) (A) (v)	Availability of temporary and permanent housing; and	pp. 5.10-12, Tables 5.10-1 to 4	No	Please provide the availability of temporary housing.

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Socioeconomics
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 27, 2001

Technical Staff: Jim Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (A) (vi)	Capacities, existing and expected use levels, and planned expansion of utilities (gas, water and waste) and public services, including fire protection, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information for each school district shall include current enrollment and yearly expected enrollment by grade level groupings, excluding project-related changes, for the duration of the project construction schedule.	Pg. 5.10-7	Yes	
Appendix B (g) (7) (B)	A discussion of the socioeconomic impacts caused by the construction and operation of the project, including:	pp. 5.10-8 & 9	No	Please provide a discussion of the socioeconomic impacts caused by the operation of the project.
Appendix B (g) (7) (B) (i)	The number of workers to be employed each month by craft during construction and operation;	Pg. 5.10-8 Tables 5.10-12 & 13	No	Please provide the number of workers to be employed each month by craft during operation.
Appendix B (g) (7) (B) (ii)	An estimate of the number and percentage of workers who will commute daily, commute weekly, or relocate in order to work on the project;	pp. 5.10-8 to 5.10-11	Yes	
Appendix B (g) (7) (B) (iii)	An estimate of the potential population increase caused directly and indirectly by the project;	pp. 5.10-9 & 10	Yes	
Appendix B (g) (7) (B) (iv)	The potential impact of population increase on housing during the construction and operations phases;	pp. 5.10-9 & 10	Yes	
Appendix B (g) (7) (B) (v)	The potential impacts, including additional costs, on utilities (gas, water and waste) and public services, including fire, law enforcement, emergency response, medical facilities, other assessment districts, and school districts. For projects outside metropolitan areas with a population of 500,000 or more, information on schools shall include project-related enrollment changes by grade level groupings and associated facility and staffing impacts by school district during the construction and operation phases;	pp. 5.10- 9 & 10	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Socioeconomics
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 27, 2001
 Technical Staff: Jim Adams
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (7) (B) (vi)	An estimate of applicable school impact fees;	Pg. 5.10-7	Yes	
Appendix B (g) (7) (B) (vii)	An estimate of the total construction payroll and an estimate of the total operation payroll;	Pg. 5.10-8 Table 5.10-14	No	Please provide an estimate of the total operation payroll.
Appendix B (g) (7) (B) (viii)	An estimate of the expenditures for locally purchased materials for the construction and operation phases of the project; and	Table 5.10-14	No	Please provide an estimate of the expenditures for locally purchased materials for the operation phase of the project.
Appendix B (g) (7) (B) (ix)	An estimate of the capital cost of the project of the potential impacts on tax revenues from construction and operation of the project.	Table 5.10-14	No	Please provide an estimate of the capital cost of the project and the potential impacts on tax revenues from operation of the project.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	pp. 5.10-11 & 12, & 7-30	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Not applicable	NA	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pg. 5.10-11	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not given	No	Please provide the name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.

Adequacy Issue:	Adequate _____ Inadequate <u>X</u>	DATA ADEQUACY WORKSHEET	Revision No. <u>0</u>	Date <u>March 27, 2001</u>
Technical Area:	<u>Socioeconomics</u>	Project: <u>Golden Gate Power Plant, Phase II</u>	Technical Staff:	<u>Jim Adams</u>
Project Manager:	<u>Marc Pryor</u>	Docket: <u>01-AFC-3</u>	Technical Senior:	<u>Dale Edwards</u>

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not applicable	NA	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 27, 2001

Technical Area: Socioeconomics

Project: Golden Gate Power Plant, Phase II

Technical Staff: Jim Adams

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A)	A list of such standards, ordinances, and laws;	Pg. 5.10-11 & 7.30	Yes	
§2022(b)(1)(B)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pg. 5.10-11	Yes	
§2022(b)(1)(C)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Socioeconomics LORS are anticipated).	Yes	
§2022(b)(1)(D)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Not applicable	NA	
§2022(b)(4)	A discussion of the potential for disproportionate impacts from the project on minority or low-income people; such discussion shall include, but not be limited to, all of the following:			

Adequacy Issue: Adequate ☒ Inadequate ☐

**DATA ADEQUACY WORKSHEET
(Six Month Expedited Process)**

Revision No. 00 Date March 27, 2001

Technical Area: Socioeconomics

Project: Golden Gate Power Plant, Phase II

Technical Staff: Jim Adams

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(4)(A)	Demographic information by census tract, based on the most recent census data available, showing the number and percentage of minority populations and people living below the poverty level within six miles of the proposed site;	PP. 1-4, 1-9, & 5.10-1 to 4 Tables 5.10-2, 3, 4 & 11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Soil Resources**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Docket: 01-AFC-3

Revision No. _____

Date April 2, 2001

Technical Staff: _____

Mike Krolak/Richard Sapudar

Technical Senior: _____

Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.4.1 pg 5.4-1 to 7 Section 5.4.2 pg 5.4-7 to 9 Section 5.4.3 pg 5.4-9	Yes	
Appendix B (g) (15) (A)	A map at a scale of 1:24,000 and written description of soil types and all agricultural land uses that will be affected by the proposed project. The description shall include:	Figure 5.4-1	Yes	
Appendix B (g) (15) (A) (i)	The depth, texture, permeability, drainage, erosion hazard rating, and land capability class of the soil; and	Section 5.4.1.1 pg 5.4-2 to 6	Yes	
Appendix B (g) (15) (A) (ii)	An identification of other physical and chemical characteristics of the soil necessary to allow an evaluation of soil erodibility, permeability, re-vegetation potential, and cycling of pollutants in the soil-vegetation system.	Section 5.4.1 pg 5.4-1 to 6 Table 5.4-2	Yes	
Appendix B (g) (15) (C)	An assessment of the effects of the proposed project on soil resources and agricultural land uses. This discussion shall include:	Section 5.4.1.2 pg 5.4-6 to 7	Yes	
Appendix B (g) (15) (C) (i)	The quantification of accelerated soil loss due to wind and water erosion;		N/A	
Appendix B (g) (15) (C) (iii)	The effect of power plant emissions on surrounding soil-vegetation systems.	Section 5.2.4.2.3 pg 5.2-41 to 44	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Soil Resources**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Revision No. _____

Date April 2, 2001

Technical Staff: _____
 Technical Senior: _____

Mike Krolak/Richard Sapudar
 Dick Anderson

Docket: 01-AFC-3

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.4.5 pg 5.4-10 Table 7.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 5.4.5 pg 5.4-10 Table 5.4-4 Table 7.1-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.4.5 pg 5.4-10	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.4-3	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.4-4	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date April 2, 2001

Technical Area: Soil Resources

Project: Golden Gate Power Plant, Phase II

Technical Staff: Mike Krolak/Richard Sapudar

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.4.5 pg 5.4-10 Table 5.5-1 Table 7.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.4.5 pg 5.4-10	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Soil Resources LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.4.5 pg 5.4-10 Table 5.4-4 Table 7.1-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 March 28, 2001
 Technical Staff: David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	AFC pg. 5.11-1,2 Sec. 5.11.1.1 & 2 AFC pg. 5.11.1 & 2 Sec. 5.11.2.5 Sec. 5.11.3	Yes	
Appendix B (g) (5) (A)	A regional transportation setting, on topographic maps (scale of 1:250,000), identifying the project location and major transportation facilities. Include a reference to the transportation element of any applicable local or regional plan.	Figure 5.11-1	Yes	
Appendix B (g) (5) (B)	An identification, on topographic maps at a scale of 1:24,000 and a description of existing and planned roads, rail lines, including light rail, bike trails, airports, bus routes serving the project vicinity, pipelines, and canals in the project area affected by or serving the proposed facility. For each road identified, include the following information, where applicable:	Figure 5.11-2 & 3	Yes	
Appendix B (g) (5) (B) (i)	Road classification and design capacity;	AFC pg. 5.11-1 & 2 Sec. 5.11.1.2.1	Yes	
Appendix B (g) (5) (B) (ii)	Current daily average and peak traffic counts;	AFC pg. 5.11-3 Table 5.11-1 Table 5.11-3	Yes	
Appendix B (g) (5) (B) (iii)	Current and projected levels of service before project development, during construction, and during project operation;	AFC pg. 5.11-3 Table 5.11-1,2 & 3 AFC pg. 5.11-7 Table 5.11-4 AFC pg. 5.11-8 Table 5.11-5	Yes	
Appendix B (g) (5) (B) (iv)	Weight and load limitations;	AFC pg. 5.11-2 & 3 Sec. 5.11.1.2.1 Table 5.11-1 & 2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Traffic and Transportation
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 March 28, 2001
 Technical Staff: David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (5) (B) (v)	Estimated percentage of current traffic flows for passenger vehicles and trucks; and	AFC pg. 5.11-1 Sec. 5.11.1.2.1 Figure 5.11-1,2 & 3 AFC pg. 5.11-5 & 6 Sec. 5.11.2.4.1 AFC pg. 5.11-11 Sec.5.11.2.4.1	Yes	
Appendix B (g) (5) (B) (vi)	An identification of any road features affecting public safety.	AFC pg. 5.11-4 Sec. 5.11.1.2.2 AFC pg. 5.11-15 Sec. 5.11.2.4.5	Yes	
Appendix B (g) (5) (C)	A description of any new, planned, or programmed transportation facilities in the project vicinity, including those necessary for construction and operation of the proposed project. Specify the location of such facilities on topographic maps at a scale of 1:24,000.	AFC pg. 5.11-4&5 Sec. 5.11.1.3.1 Sec. 5.11.1.3.2	Yes	
Appendix B (g) (5) (D)	An assessment of the construction and operation impacts of the proposed project on the transportation facilities identified. Include anticipated project-specific traffic, estimated changes to daily average and peak traffic counts, levels of service, and traffic/truck mix, and the impact of construction of any facilities identified in subsection (g)(5)(C).	AFC pg. 5.11.5,6 & 7 Sec. 5.11.2.1.1 Table 5.11-4 AFC pg. 5.11-8 Sec. 5.11.2.2.1 & 2 Table 5.11-5	Yes	
Appendix B (g) (5) (E)	A discussion of project-related hazardous materials to be transported to or from the project during construction and operation of the project, including the types, estimated quantities, estimated number of trips, anticipated routes, means of transportation, and any transportation hazards associated with such transport.	AFC pg. 5.11-10 & 11 Sec. 5.11.2.3.1 & 2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	AFC pg. 5.11-16 through 18 Sec. 5.11.5 through 5.11.5.3 AFC pg. 7-31 & 32 Sec. 7.5.11.1 through 3	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Traffic and Transportation**
 Project Manager: **Marc Pryor**

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 March 28, 2001
 Technical Staff: David Flores
 Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	AFC pg. 5.11-18 Table 5.11-10	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	AFC pg.5.11-16 Sec.5.11.5	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	AFC pg. 5.11-18 Sec. 5.11.6 Table 5.11-10	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	AFC pg. 5.11-19 Table 5.11-11	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 28, 2001

Technical Area: **Traffic and Transportation**

Project: Golden Gate Power Plant, Phase II

Technical Staff: David Flores

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Eileen Allen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	AFC pg. 5.11-16 through 18 Sec. 5.11.5 through 5.11.5.3 AFC pg. 7-31 & 32 Sec. 7.5.11.1 through 3	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	AFC pg.5.11-16 Sec.5.11.5	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Traffic & Transportation LORS are anticipated).	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	AFC pg. 5.11-19 Section 5.11-7 Table5.11-11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Transmission Line Safety and Nuisance
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 01 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Not Applicable.	NA	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Not Applicable.	NA	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Not Applicable.	NA	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Not Applicable.	NA	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Transmission Line Safety and Nuisance
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 01 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Section 3.6, pages 3.6-1 and 3.6-4. Section 4.2, page 4.2-1	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Section 4.2, pages 4.2-1 through 4.2-3	Yes	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Section 4.2, pages 4.2-1 and 4.2-2	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0, page 7-43 and 7-44	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0, pages 7-43 and 7-44	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Transmission Line Safety and Nuisance
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 01 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 4.2, pages 4.2-1 and 4.2-2	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable.	NA	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 4.2, page 4.2-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 30, 2001

Technical Area: **Transmission Line Safety and Nuisance**

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelum

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A)	A list of such standards, ordinances, and laws;	Section 7.0	Yes	
§2022(b)(1)(B)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Sections 3.6 and 4.2	Yes	
§2022(b)(1)(C)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in TLS&N LORS are anticipated).	Yes	
§2022(b)(1)(D)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 4.2	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐

Technical Area: Transmission System Eng.

Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II

Docket: 01-AFC-3

Revision No. 01 Date April 2, 2001

Technical Staff: Mark Hesters

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (i) (2) (A)	A discussion of the need for the additional electric transmission lines, substations, or other equipment, the basis for selecting principal points of junction with the existing electric transmission system, and the capacity and voltage levels of the proposed lines, along with the basis for selection of the capacity and voltage levels.	Pages 3.4-6 & 7 Pages 3.6-1 to 3.6-7	Yes	
Appendix B (i) (2) (B)	A discussion of the extent to which the proposed electric transmission facilities have been designed, planned, and routed to meet the transmission requirements created by additional generating facilities planned by the applicant or any other entity.	Pages 3.6-1 to 3.6-3 Pages 3.6-1 to 3.6-3 Pages 3.4-6 and 3.6-7	Yes	
Appendix B (b) (2) (C)	A detailed description of the design, construction, and operation of any electric transmission facilities, such as power lines, substations, switchyards, or other transmission equipment, which will be constructed or modified to transmit electrical power from the proposed power plant to the load centers to be served by the facility. Such description shall include the width of rights of way and the physical and electrical characteristics of electrical transmission facilities such as towers, conductors, and insulators. This description shall include power load flow diagrams which demonstrate conformance or nonconformance with utility reliability and planning criteria at the time the facility is expected to be placed in operation and five years thereafter; and	Pages 3.4-6 and 3.4-7 Pages 3.6-1 to 3.6-3 Appendix H	Yes	
Appendix B (b) (2) (D)	A description of how the route and additional transmission facilities were selected, and the consideration given to engineering constraints, environmental impacts, resource conveyance constraints, and electric transmission constraints.	Page 3.11-1	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Transmission System Eng.
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 01 Date April 2, 2001
 Technical Staff: Mark Hesters
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (18) (A)	The locations and a description of the existing switchyards and overhead and underground transmission lines that would be affected by the proposed project.	Appendix H Page 2	Yes	
Appendix B (g) (18) (B)	An estimate of the existing electric and magnetic fields from the facilities listed in (A) above and the future electric and magnetic fields that would be created by the proposed project, calculated at the property boundary of the site and at the edge of the rights of way for any transmission line. Also provide an estimate of the radio and television interference that could result from the project.	Not Applicable.	N/A	
Appendix B (g) (18) (C)	Specific measures proposed to mitigate identified impacts, including a description of measures proposed to eliminate or reduce radio and television interference, and all measures taken to reduce electric and magnetic field levels.	Not Applicable.	N/A	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Pages 7-13 and 7-14 Page 7-44 Page 3.6-2	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Pages 7-5, 7-13, 7-14 and 7-44	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Transmission System Eng.
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 01 Date April 2, 2001
 Technical Staff: Mark Hesters
 Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 7-5, 7-13, 7-14 and 7-44	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Not Applicable.	N/A	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable.	N/A	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 01 Date April 2, 2001

Technical Area: Transmission System Engineering

Project: Golden Gate Power Plant, Phase II

Technical Staff: Mark Hesters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Pages 7-5, 7-13, 7-14 and 7-44 Page 3.6-2	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 7-5, 7-13, 7-14 and 7-44 Appendix H	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	1-2	Yes	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Pages 7-5, 7-13, 7-14 and 7-44, 7.6-2 Appendix H	Yes	
§2022(b)(3) (TSE)	Substantial evidence that the project will not cause a significant adverse impact on the electrical system, including all of the following:			

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 01 Date April 2, 2001

Technical Area: Transmission System Engineering

Project: Golden Gate Power Plant, Phase II

Technical Staff: Mark Hesters

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Al McCuen

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(3)(A) (TSE)	An interconnection study identifying the electrical system impacts and a discussion of the mitigation measures considered and those proposed to maintain conformance with NERC, WSCC, Cal-ISO or other applicable reliability or planning criteria based on load flow, post transient, transient, and fault current studies performed by or for the transmission owner in accordance with all applicable Cal-ISO or other interconnection authority's tariffs, operating agreements, and scheduling protocols.	Appendix H	Yes	
§2022(b)(2)(B) (TSE/FD)	A full description of the facilities, if any, that are required for interconnection, including all such facilities beyond the point where the outlet line joins with the interconnected system and a full description of the environmental setting, environmental impacts, and any recommended mitigation measures proposed by the applicant for any required facilities beyond the point where the outlet joints with the interconnected system;	Pages 3.4-6 and 3.4-7 Pages 3.6-1 to 3.6-3 Appendix H	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Visual Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 2, 2001
 Technical Staff: Eric Knight
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Pages 5.13-5 – 5.13-6; Section 5.13.1.4.1 Pages 5.13-12 – 5.13-15; Sections 5.13.2 – 5.13.5	No	Please provide an assessment of the potential visual impacts of the two proposed transmission lines. The discussion should include an assessment of the visual quality along the proposed transmission line routes and potential viewer's sensitivity to the proposed visual changes.
Appendix B (g) (6) (A)	Descriptions of the existing visual setting of the vicinity of the project, the region that can be seen from the vicinity of the project, and the proposed project site. Include:	Pages 5.13-2 – 5.13-3; Section 5.13.1	Yes	
Appendix B (g) (6) (A) (i)	Topographic maps at a scale of 1:24,000 of the areas from which the project may be seen, identification of the view areas most sensitive to the potential visual impacts of the project, and the locations where photographs were taken for (g)(6)(E);	Figures 5.13-11 – 5.13-14	Yes	
Appendix B (g) (6) (A) (ii)	Elevations of any existing structures on the site; and	Page 5.13-5; Section 5.13.1.4.1	Yes	
Appendix B (g) (6) (A) (iii)	The visual properties of the topography, vegetation, and any modifications to the landscape as a result of human activities.	Pages 5.13-5 – 5.13-6; Section 5.13.1.4.1	Yes	
Appendix B (g) (6) (B)	An assessment of the visual quality of those areas that will be impacted by the proposed project.	Pages 5.13-6 – 5.13-8; Section 5.13.1.4.2	No	Please provide an assessment of the visual quality of the view from KOP 5.
Appendix B (g) (6) (C)	After discussions with staff and community residents who live in close proximity to the proposed project, identify the scenic corridors and any visually sensitive areas potentially affected by the proposed project, including recreational and residential areas. Indicate the approximate number of people using each of these sensitive areas and the estimated number of residences with views of the project. For purposes of this section, a scenic corridor is that area of land with scenic natural beauty, adjacent to and visible from a linear feature, such as a road, or river.	Pages 5.13-6 – 5.13-9; Section 5.13.1.4.2	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Visual Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 2, 2001
 Technical Staff: Eric Knight
 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (6) (D)	A description of the dimensions, color, and material of each major visible component of the project.	Page 5.13-10 – 5.13-11; Section 5.13.2.2; Table 5.13-1	Yes	
Appendix B (g) (6) (E)	Full-page color photographic reproductions of the existing site, and full-page color simulations of the proposed project in the existing setting from each location representative of the view areas most sensitive to the potential visual impacts of the project.	Figures 5.13-1 – 5.13-10	No	According to the AFC (page 5.13-13), approximately 20 feet of the three proposed stacks would be visible from KOP 5. However, only one stack is visible in the simulation of the project from this KOP (Figure 5.13-10). The simulation provided appears to be a simulation of only Phase I of the project. Please provide a full-page color simulation of the Golden Gate Power Project from KOP 5.
Appendix B (g) (6) (F)	An assessment of the visual impacts of the project, including light and glare, and visible plumes.	Pages 5.13-12 – 5.13-14; Sections 5.13.2.3 – 5.13.2.4	No	Please provide an assessment of the visual impacts of visible water vapor plumes potentially emitted from the HRSG stacks.
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Page 7-55 and 7-58; Table 7.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Page 7-55 and 7-58; Table 7.1-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Pages 5.13-15 – 5.13-19; Section 5.13.6	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Page 5.13-9; Table 5.13-4	Yes	

Adequacy Issue:

Adequate

Inadequate

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DATA ADEQUACY WORKSHEET

Revision No.

0

Date

April 2, 2001

Technical Area:

Visual Resources

Project:

Golden Gate Power Plant, Phase II

Technical Staff:

Eric Knight

Project Manager:

Marc Pryor

Docket:

01-AFC-3

Technical Senior:

Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Not Applicable.	NA	

Adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 0 Date April 2, 2001
 (Six Month Expedited Process)
 Technical Area: **Visual Resources** Project: Golden Gate Power Plant, Phase II Technical Staff: Eric Knight
 Project Manager: Marc Pryor Docket: 01-AFC-3 Technical Senior: Dale Edwards

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Page 5.13-18; Section 5.13.6	No	Please list the applicable standards related to visual resources (e.g., landscaping, signs, lighting) contained in the San Francisco International Airport Tenant Improvement Guide (Note: The applicable standards were listed in the response to data request #84 for the United Golden Gate Power Project, Phase I).
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Pages 5.13-19 – 5.19-23; Section 5.13.9	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	Section 5.9	No	According to the AFC (page 5.9-6), the project will comply with the requirements contained in the <i>latest</i> edition of the San Francisco International Airport Tenant Improvement Guide. Please provide information from the Airport Commission indicating whether any changes to the Tenant Improvement Guide are expected to occur prior to certification of the project, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard.
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.9	No	The information submitted for §2022(b)(1)(A) above will satisfy this requirement.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (b) (1) (C)	A detailed description of the design, construction and operation of the facilities, specifically including the power generation, cooling, water supply and treatment, waste handling and control, pollution control, fuel handling, and safety, emergency and auxiliary systems, and fuel types and fuel use scenarios; and	Section 5.14, pages 5.14-2 through 5.14-4	Yes	
Appendix B (e) (2)	A discussion of how facility closure will be accomplished in the event of premature or unexpected cessation of operations.	Section 5.14, page 5.14-6	Yes	
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.14, pages 4.14-7 through 5.14-13	Yes	
Appendix B (g) (12) (A)	A Phase I Environmental Site Assessment for the proposed power plant site using methods prescribed by the American Society for Testing and Materials (ASTM) document entitled "Standard Practice for Environmental Site Assessments: Phase 1 Environmental Site Assessment Process" (Designation: E 1527-93, May 1993), which is incorporated by reference in its entirety; or an equivalent method agreed upon by the applicant and the CEC Staff that provides similar documentation of the potential level and extent of site contamination.	Section 5.14, page 5.14-3. Appendix 5	Yes	
Appendix B (g) (12) (B)	A description of each waste stream estimated to be generated during project construction and operation, including origin, hazardous or nonhazardous classification pursuant to Title 22, California Code of Regulations, § 66261.20 et seq., chemical composition, estimated annual weight or volume generated, and estimated frequency of generation.	Section 5.14 pages 5.14-3 through 5.14-5	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (12) (C)	A description of all waste disposal sites which may feasibly be used for disposal of project wastes. For each site, include the name, location, classification under Title 23, California Code of Regulations, § 2530 et seq., the daily or annual permitted capacity, daily or annual amounts of waste currently being accepted, the estimated closure date and remaining capacity, and a description of any enforcement action taken by local or state agencies due to waste disposal activities at the site.	Section 5.14, page 5.14-1	Yes	
Appendix B (g) (12) (D)	A description of management methods for each waste stream, including methods used to minimize waste generation, length of on- and off-site waste storage, re-use and recycling opportunities, waste treatment methods used, and use of contractors for treatment.	Section 5.14, pages 5.14-4 and 5.14-5	Yes	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 7.0, pages 7-58 and 7-59	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Section 7.0, pages 7-58 and 7-59	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.14, pages 4.14-9 through 5.14-11	Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: Waste Management
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date March 30, 2001
 Technical Staff: Obed Odoemelam
 Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.14, page 5.14-11	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.14, page 4.14-11	Yes	
Appendix B. (i) (1) (B)	A discussion of any measures proposed to improve adverse site conditions.	Section 5.14, page 5.14-7	Yes	
Appendix B (i) (1) (D) (v)	The waste disposal system and on-site disposal sites;	Section 5.14, pages 5.5.14-5	Yes	

wAdequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date March 30, 2001

Technical Area: **Waste Management**

Project: Golden Gate Power Plant, Phase II

Technical Staff: Obed Odoemelam

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Mike Ringer

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A)	A list of such standards, ordinances, and laws;	Section 7.0, pages 7-58 and 7-59	Yes	
§2022(b)(1)(B)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.14, pages 5.14-9 and 5.14-10	Yes	
§2022(b)(1)(C)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Waste Management LORS are anticipated).	Yes	
§2022(b)(1)(D)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 5.14, pages 5.14-9 and 5.14-10. Section 7.0, pages 7-58 and 7-59	Yes	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Water Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 2, 2001
 Technical Staff: Mike Krolak/Richard Sapudar
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 3.3 pg 3.3-1 to 3 Section 5.5.2 pg 5.5-5 to 7 Section 5.5.3 pg 5.5-7 to 8 Section 5.5.5 pg 5.5-8	Yes	
Appendix B (g) (14) (A)	All information required by the Regional Water Quality Control Board in the region where the project will be located to apply for:			
Appendix B (g) (14) (A) (i)	Waste Discharge Requirements; and	Not found.	No	Please provide Industrial Wastewater Discharge Permits, applications for such permits, or the discharge water quality information required by the facilities which will receive any wastewater from the project.
Appendix B (g) (14) (A) (ii)	a National Pollutant Discharge Elimination System Permit.	Not found.	No	In order to evaluate any possible cumulative impacts, please provide NPDES permits for any facilities which will receive wastewater from the project.
Appendix B (g) (14) (B)	A description of the hydrologic setting of the project. The information shall describe, in writing and on maps at a scale of 1:24,000, the chemical and physical characteristics of the following water bodies that may be affected by the proposed project:	Section 3.3 pg 3.3-1 to 3 Section 5.5.1 pg 5.5-2 to 5 Figure 5.5-1	Yes	
Appendix B (g) (14) (B) (i)	Ground water bodies and related geologic structures;	Section 5.5.1.1.2 pg 5.5-4 to 5	Yes	
Appendix B (g) (14) (B) (ii)	Surface water bodies; and	Section 5.5.1.1.2 pg 5.5-2 to 4	Yes	
Appendix B (g) (14) (B) (iii)	Water inundation zones, such as the 100-year flood plain and tsunami run-up zones.	See Facility Design	NA	

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: Water Resources
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 2, 2001
 Technical Staff: Mike Krolak/Richard Sapudar
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (C)	A description of the water to be used and discharged by the project. This information shall include:			
Appendix B (g) (14) (C) (i)	Source of the water and the rationale for its selection, and if fresh water is to be used for power plant cooling purposes, a discussion of all other potential sources and an explanation why these sources were not feasible;	Section 3.4.8 pg 3.4-8 to 10 Section 5.5.2.1 pg 5.5-6	No	Source is identified as SFIA in Section 5.5.2.1.1 but is identified as MRP in other sections. Please confirm source and provide the rationale for its selection, including economic and availability analyses.
Appendix B (g) (14) (C) (ii)	The physical and chemical characteristics of the source and discharge water;	Appendix B, pg 1	No	Please provide water quality information for any projected discharges. Provide anticipated volumes and chemical composition of each individual waste stream and the combined total effluent to be discharged.
Appendix B (g) (14) (C) (iii)	Average and maximum daily and annual water demand and waste water discharge for both the construction and operation phases of the project; and	Section 3.4.8 pg 3.4-9	No	Please provide average and maximum daily waste water discharge for plant operation. Please identify source and volume of water to be used during the construction phase.
Appendix B (g) (14) (C) (iv)	A description of all facilities to be used in water conveyance, treatment, and discharge. Include a water mass balance diagram.	Section 3.4.8 pg 3.4-8 to 10 Figure 5.5-3 Appendix B, Figure M-3	No	Please identify design and existing capacity for selected source of water supply. Please provide a description, including design and existing capacities, of any facilities which will receive waste water from the project.
Appendix B (g) (14) (D)	A description of pre-, and post-construction runoff and drainage patterns, including:	See Facility Design	NA	
Appendix B (g) (14) (D) (i)	Precipitation and storm runoff patterns; and	See Facility Design	NA	
Appendix B (g) (14) (D) (ii)	Drainage facilities and design criteria.	See Facility Design	NA	
Appendix B (g) (14) (E)	An assessment of the effects of the proposed project on water resources. This discussion shall include:	Section 5.5.2.1 pg 5.5-5 to 7	Yes	
Appendix B (g) (14) (E) (i)	The effects of project demand on the water supply and other users of this source;	Section 5.5.2.1 pg 5.5-6	No	Please provide information on other users of selected source (SFIA or MRP effluent), including volumes used, as well as available water supply from the selected source.

Adequacy Issue: Adequate _____ Inadequate X
 Technical Area: **Water Resources**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 2, 2001
 Technical Staff: Mike Krolak/Richard Sapudar
 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (14) (E) (ii)	The effects of construction activities and plant operation on water quality; and	Section 5.5.2.1 pg 5.5-6 to 7	Yes	
Appendix B (g) (14) (iii)	The effects of the project on the 100-year flood plain or other water inundation zones.	See Geologic Resources	NA	
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Table 5.5-1 Table 7.1-1	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.5-1	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.5.6 pg 5.5-9 to 11	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Table 5.5-2	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Table 5.5-3	Yes	

Adequacy Issue: Adequate Inadequate **X** **DATA ADEQUACY WORKSHEET** Revision No. 00 Date April 2, 2001
 (Six Month Expedited Process)
 Technical Area: **Water Resources** Project: Golden Gate Power Plant, Phase II Technical Staff: Mike Krolak/Richard Sapudar
 Project Manager: Marc Pryor Docket: 01-AFC-3 Technical Senior: Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.4.5 pg 5.4-10 Table 5.5-1 Table 7.1-1	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.4.5 pg 5.4-10 Section 5.5.6 pg 5.5-9 to 11	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Water Resources LORS are anticipated).	N/A	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Table 5.5-1 Table 7.1-1	Yes	
§2022(b)(2)	Substantial evidence that the project as proposed in the application will not cause a significant adverse impact on the environment, including the following:			

Adequacy Issue:	Adequate	Inadequate	X	DATA ADEQUACY WORKSHEET	Revision No.	00	Date	April 2, 2001
				(Six Month Expedited Process)				
Technical Area:	Water Resources			Project:	Golden Gate Power Plant, Phase II		Technical Staff:	Mike Krolak/Richard Sapudar
Project Manager:	Marc Pryor			Docket:	01-AFC-3		Technical Senior:	Dick Anderson

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(2)(E) (Water)	If the project will result in a discharge of waste that could affect the water quality of the state, a complete report of proposed waste discharge as required by section 13260 of the Water Code. This will allow for issuance of waste discharge requirements by the appropriate regional water quality control board within 100 days after filing the application in accordance with Public Resources Code section 25550(d);	Not found.	No	Please provide Industrial Wastewater Discharge Permits, applications for such permits, or all information required by any facility which will receive any wastewater from the project.
§2022(b)(5)	The following information to demonstrate that the project, if certified, is likely to be constructed and operated;			
§2022(b)(5)(B) (Water)	A will-serve letter or similar document from each provider of water to the project, indicating each provider's willingness to provide water to the project and describing all conditions under which the water will be provided, and a discussion of all other contractual agreements with the applicant pertaining to the provision of water to the project.	Not found.	No	Please provide will-serve letter or similar document from selected water supplier(s), which describes all conditions under which the water will be provided, and a discussion of any other contractual agreements pertaining to the project's water supply.

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Worker Safety**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

Project: Golden Gate Power Plant, Phase II
 Docket: 01-AFC-3

Revision No. 0 Date April 4, 2001
 Technical Staff: Rick Tyler
 Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (g) (1)	...provide a discussion of the existing site conditions, the expected direct, indirect and cumulative impacts due to the construction, operation and maintenance of the project, the measures proposed to mitigate adverse environmental impacts of the project, the effectiveness of the proposed measures, and any monitoring plans proposed to verify the effectiveness of the mitigation.	Section 5.17	Yes	
Appendix B (g) (11) (A)	A description of the safety training programs which will be required for construction and operation personnel.	Sections 3.0, 5.17, 5.17.3 and 5.17.4	Yes	
Appendix B (g) (11) (B)	A complete description of the fuel handling system and the fire suppression system.	Sections 3.0 and 5.17	Yes	
Appendix B (g) (11) (C)	Provide draft outlines of the Construction Health and Safety Program and the Operation Health and Safety Program, as follows:	Section 5.17	Yes	
	Construction Health and Safety Program:		Yes	
	* Injury and Illness Prevention Plan (8 Cal. Code Regs., § 1509);		Yes	
	* Fire Protection and Prevention Plan (8 Cal. Code Regs., § 1920);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 1514-1522)		Yes	
	Operation Health and Safety Program:		Yes	
	* Injury and Illness Prevention Program (8 Cal. Code Regs., § 3203);		Yes	
	* Fire Prevention Plan (8 Cal. Code Regs., § 3221);		Yes	
	* Emergency Action Plan (8 Cal. Code Regs., § 3220);		Yes	
	* Personal Protective Equipment Program (8 Cal. Code Regs., §§ 3401-3411).		Yes	

Adequacy Issue: Adequate ☒ Inadequate ☐
 Technical Area: **Worker Safety**
 Project Manager: Marc Pryor

DATA ADEQUACY WORKSHEET

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SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
Appendix B (h) (1) (A)	Tables which identify laws, regulations, ordinances, standards, adopted local, regional, state, and federal land use plans, and permits applicable to the proposed project, and a discussion of the applicability of each. The table or matrix shall explicitly reference pages in the application wherein conformance, with each law or standard during both construction and operation of the facility is discussed;	Section 5.17.9	Yes	
Appendix B (h) (1) (B)	Tables which identify each agency with jurisdiction to issue applicable permits and approvals or to enforce identified laws, regulations, standards, and adopted local, regional, state and federal land use plans, and agencies which would have permit approval or enforcement authority, but for the exclusive authority of the commission to certify sites and related facilities.	Table 5.17-6	Yes	
Appendix B (h) (2)	A discussion of the conformity of the project with the requirements listed in subsection (h)(1)(A).	Section 5.17	Yes	
Appendix B (h) (3)	The name, title, phone number, and address, if known, of an official within each agency who will serve as a contact person for the agency.	Section 5.17-6	Yes	
Appendix B (h) (4)	A schedule indicating when permits outside the authority of the commission will be obtained and the steps the applicant has taken or plans to take to obtain such permits.	Section 5.17 and Table 5.17-7	Yes	

Adequacy Issue: Adequate ☒ Inadequate

DATA ADEQUACY WORKSHEET (Six Month Expedited Process)

Revision No. 00 Date April 4, 2001

Technical Area: Worker Safety & Fire Protection

Project: Golden Gate Power Plant, Phase II

Technical Staff: Rick Tyler

Project Manager: Marc Pryor

Docket: 01-AFC-3

Technical Senior: Rick Tyler

SITING REGULATIONS	INFORMATION	AFC PAGE NUMBER AND SECTION NUMBER	ADEQUATE YES OR NO	INFORMATION REQUIRED TO MAKE AFC CONFORM WITH REGULATIONS
§2022(b)(1) (All)	Substantial evidence that the project as proposed in the application will comply with all standards, ordinances, and laws applicable at the time of certification including;			
§2022(b)(1)(A) (All)	A list of such standards, ordinances, and laws;	Section 5.17.9	Yes	
§2022(b)(1)(B) (All)	Information demonstrating that the project as proposed in the application will comply with all such standards, ordinances, and laws;	Section 5.17	Yes	
§2022(b)(1)(C) (All)	Where a standard, ordinance, or law is expected to change between the time of filing an application and certification, information from the responsible jurisdiction documenting the impending change, the schedule for enactment of the change, and whether the proposed project will comply with the changed standard, ordinance, or law.; and	None (no known changes in Worker Safety LORS are anticipated).	NA	
§2022(b)(1)(D) (All)	A list of the requirements for permitting by each federal, state, regional, and local agency that has jurisdiction over the proposed project or that would have jurisdiction, but for the exclusive jurisdiction of the commission, and the information necessary to meet those requirements;	Section 7	Yes	